# Choosing the right journal for your next research paper

Department of Chemistry
Graduate Students Lunch and Learn
22 February 2017

Berenika M. Webster, PhD
University Library System
University of Pittsburgh

# What are your career ambitions?

- become an academic researcher
  - secure a post-doc position
  - get research/tenure track job in a prestigious institution
  - be promoted and/or get tenure
- get a research job in a corporation
- join/launch a start up company

# Publications (and external funding): critical for academic success

- to claim priority of discovery
- to make your work known
- to get feedback from your community of peers
- to inform/participate in debate within your community
- to get/keep job

97% of chemistry research is published in journals!

# What to consider when selecting journal

- Subject fit
- Manuscript characteristics
- Audiences and reach
- Prestige (citation rates and acceptance rates)
- Editorial board and practices
- Open access?
- Speed of process

# Subject fit

- Indexing services
  - Web of Science and Journal Citation Reports
  - SCOPUS and Journal Metrics
- Semantic matching services
  - Journal Guide https://www.journalguide.com/
  - Journal Finder http://journalfinder.elsevier.com/ (Elsevier titles only)

# Manuscript characteristics

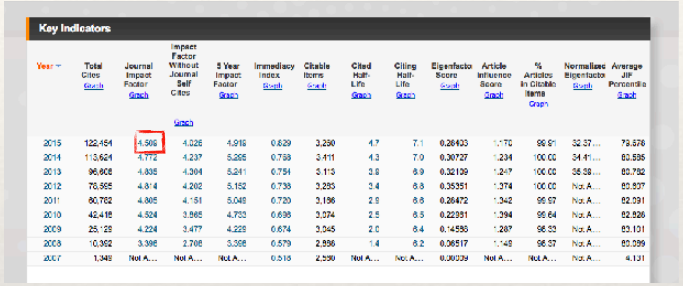
- Research type: applied, basic, clinical (clue often in jln title)
- Document type: review, theorem, case study (review last few issues)

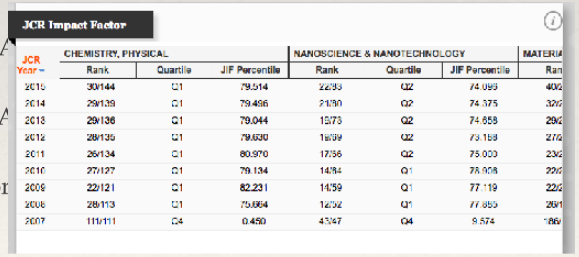
# Audiences

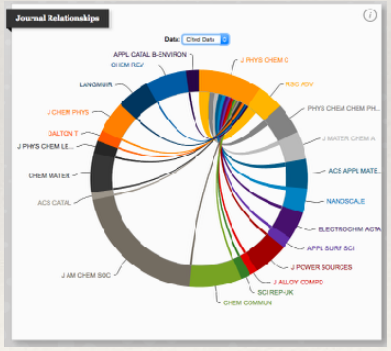
- Academic colleagues in my discipline
- Academic colleagues in other disciplines (inter- and multi-disciplinarity)
- Practitioner audiences (industry)
- General public (educational, enlightenment, public debate)
- Geographic reach (open?)

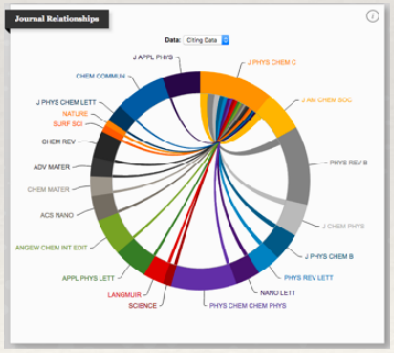
# Prestige 1

- Journal Citation Reports (access via library page, under “Databases”)
- Based on journals indexed in Web of Science
  - around 9k titles in sciences and social sciences
  - robust subject classification, based on citation relationships within journals
  - includes title with robust per review policies only
  - widely used as proxy for quality
  - backlash - DORA
- Let’s look at JOURNA
- Journal Impact Factor



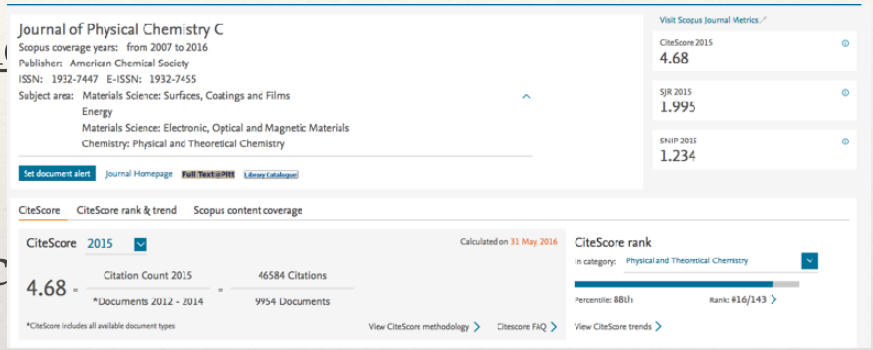



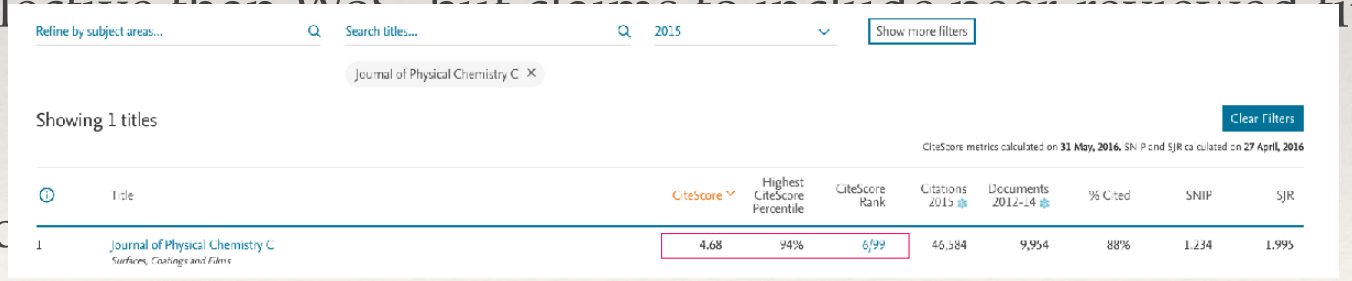



# Prestige 2

- Journal Metrics (https://journalm
- based on Elsevier's SCOPUS data
- over 22k titles in sciences, social sc
- less sel itles only
- Let's l



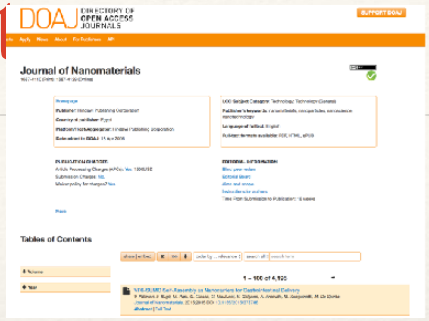
# Beware of predatory journals

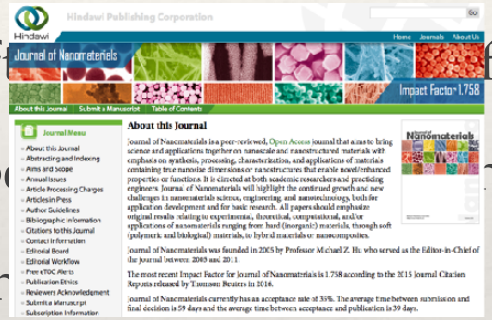
- Think Check Submit
- Do you or your colleagues know the journal?
  - – Have you read any articles in the journal before?
  - – Is it easy to discover the latest papers in the journal?
- Can you easily identify and contact the publisher?
  - – Is the publisher name clearly displayed on the journal website?
  - – Can you contact the publisher by telephone, email, and post?
- Is the journal clear about the type of peer review it uses?
- Are articles indexed in services that you use?
- Is it clear what fees will be charged?
  - – Does the journal site explain what these fees are for and when they will be charged?
- Do you recognise the editorial board?
  - – Have you heard of the editorial board members?
  - – Do the editorial board mention the journal on their own websites?
- Is the publisher a member of a recognized industry initiative?
  - – Do they belong to the Committee on Publication Ethics (COPE) ?
  - – If the journal is open access, is it listed in the Directory of Open Access Journals (DOAJ)

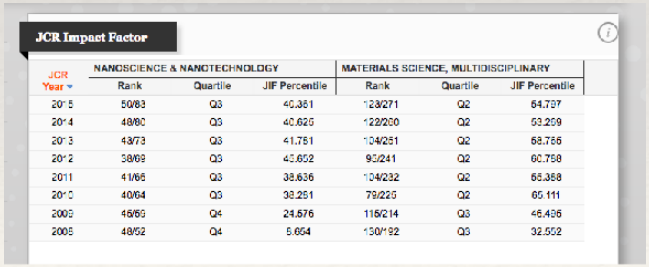

http://www.as-se.org/

# Open access considerat

- Open access DOES NOT EQUAL low quality
- Green (mostly “free to publish”) vs gold (off fees)
- Some evidence of citation advantage of pap n access
- Some form of “open access” required by fur
- Check the status using doaj.org
- WoS and Scopus note open access



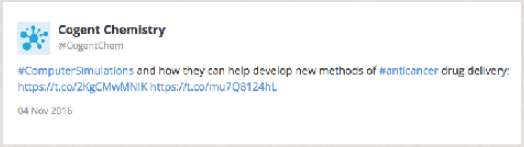



# other considerations

- Speed of process (from submission to editorial decision to peer review completion to publication)
- What about data?
- Copyright
- Marketing efforts on your behalf
- Impact tracking


SpringerLink @SpringerLink · Jan 10
Unlikely couple: a sika deer and a Japanese monkey in Yakushima - Article published in #Primates #springerlink
Primates
Interspecies sexual behaviour between a male Jap...
Interspecies sexual behaviour or 'reproductive interference' has been reported across a wide range of animal taxa. However, most of these occurrences were ...
link.springer.com


João Pedro Ferreira @meteoleo0 · 5h
My work has just been published on #springerlink
A general framework for the numerical implementa...
The highly nonlinear mechanical behaviour of soft tissues solicited within the physiological range usually involves degradation of the material properties. Mechanically, ...
link.springer.com


Cogent Chemistry
@CogentChem
#ComputerSimulations and how they can help develop new methods of #anticancer drug delivery: https://t.co/2KgCMwMNIK https://t.co/mu7Q8124hL
04 Nov 2016


PLOS ONE
TENTH ANNIVERSARY
Publish
About
Browse
Search
Impact of Water Chemistry, Pipe Material and Stagnation on the Building Plumbing Microbiome
Pan Ji, Jeffrey Parks, Marc A. Edwards, Amy Pruden
Published: October 23, 2015


cogent chemistry
Theoretical & Computational Chemistry
Research Article
Molecular dynamics simulations in drug delivery research: Calcium chelation of G3.5 PAMAM dendrimers
Authors (4)
David E. Jones | Albert M. Lund | Hamidreza Ghandehari | Julio C. Facelli
Published: 2 September 2016
Download PDF
Get Citation
Abstract
Keywords Ca chelation, PAMAM dendrimers, MD simulations, nanomedicine
Supplementary material
Molecular dynamics simulations in drug delivery research: Calcium chelation of G3.5 PAMAM dendrimers
Supplemental Information

# To conclude…

Think, Check, Submit